

## ABSTRACT OF THE DISCLOSURE

An image encrypting method, an image encrypting device, a recording medium on which image encrypting procedures are recorded, and a recording medium on which an encrypted image file is recorded are provided in order to be able to respond to a request for transmission of a portion of an image and improve a rate of processing image data, even when a device which stores the encrypted image file is not authorized to decrypt. An image inputting device reads an image file. An image portion unit dividing device divides a read image file into a portion image data of tile units. An encrypting device encrypts the portion image data. An identifier generating device generates information incidental to the portion image data. A file generating device generates a single image file from the incidental information and encrypted portion image data.